

PHILIP MORRIS USA  
RESEARCH AND DEVELOPMENT DEPARTMENT

ITALY TEST #166

MR4-06JI

DISTRIBUTION

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DATE: \_\_\_\_\_

September 20, 1976

2001054434

ITALY TEST #166

Marlboro long size cigarettes from Italy (Bologna) were received for testing on August 17, 1976.

The current sample was different from the previous average in tar and TPM.

MARLBORO LONG SIZE 20'S (BOX)

	<u>Current</u>	<u>Prev. Avg.</u>
<u>Smoke</u>		
Butt Length, mm	25	25
FTC Tar, mg/cigt.	18.6	20.22
TPM, mg/cigt.	22.6	24.72
Nicotine, mg/cigt.	1.14	1.14
Water, mg/cigt.	2.9	3.9
Puffs/cigt.	8.6	9.0
Filtration Eff., %	40	40
<u>Cigarette</u>		
Total RTD, in. of H <sub>2</sub> O	4.0	3.8
mm of H <sub>2</sub> O	102	97
Static Burn. Time, min.	7.9	7.5
Length, mm	80.1	80.0
Circumference, mm	24.9	25.0
Diameter, mm	7.9	8.0
<u>Paper</u>		
Porosity, sec.	15	15
<u>Filter</u>		
RTD, in. of H <sub>2</sub> O	2.3	2.1
mm of H <sub>2</sub> O	58	53
Length, mm	17.0	17.1
Weight, g	0.11	0.11
Tipping paper length, mm	22	22
<u>Filler</u>		
Total alkaloids, %	1.44	1.46
Total reducing sugars, %	6.8	6.6
Wt. of tob., 1,000 cigts., g	817	837
1,000 cigts., lbs.	1.7990	1.8419
Rod Density, g/cc	0.262	0.268
<sup>1</sup> C.V., cc/10 g	32	31
C.V., cc/10 g (Corrected to 12% O.V.)	38	37
<sup>1</sup> Oven Volatiles, %	13.9	13.9

<sup>1</sup>Equilibrated at 75°F and 60% R.H. for 48 hrs.

<sup>2</sup>Results of Test #165, dated September 7, 1976, where a change was noted.

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